

**NATURAL RESOURCES CONSERVATION SERVICE**  
**CONSERVATION PRACTICE SPECIFICATION**  
**LINED WATERWAY OR OUTLET**  
**(feet)**  
**CODE 468**

**SCOPE**

This specification covers the construction of lined waterways or outlets. Construction shall comply with the construction plans and these specifications.

**INSTALLATION**

**Foundation Preparation.** The foundation area shall be cleared of trees, stumps, roots, sod, loose rock, or other objectionable material.

**Excavation.** The cross section shall be excavated to the neat lines and grades as shown on the plans. Overexcavated areas shall be backfilled with moist soil compacted to the density of the surrounding material.

No abrupt deviations from design grade or horizontal alignment shall be permitted.

**Filter, Bedding & Lining Placement.** Filter, bedding, and rock riprap shall be placed to line and grade and in the manner specified on the plans.

Concrete linings shall be placed to the thickness shown on the plans and shall be finished in a workmanlike manner. Provisions shall be made to protect freshly placed concrete and to insure proper curing.

**BASIS OF ACCEPTANCE**

The acceptability of this practice shall be determined by inspections to insure compliance with all the provisions of this specification and to the drawings.

**WORKMANSHIP**

All construction shall be performed in a workmanlike manner, and the job site shall have a neat appearance when finished.

All disturbed areas not graveled or paved will be vegetated to control erosion.

**CONSTRUCTION OPERATIONS**

Construction operations shall be carried out in such a manner and sequence that erosion and air and water pollution are minimized and held within legal limits.

The owner, operator, contractor or other persons will conduct all work and operations in accordance with proper safety codes for the type of construction being performed with due regards to the safety of all persons and property.

## **SAFETY**

Landowners or operators, sponsoring organizations, and contractors shall be liable for damage to utilities and damage resulting from disruption of service caused by construction activities. The Natural Resources Conservation Service makes no representation on the existence or non-existence of any utilities. Absence of utilities on the drawings is not assurance that no utilities are present at the site.

It is the responsibility of the landowner or operator to determine if there are buried or overhead utilities in the vicinity of the proposed work. They should take proper procedures to insure that the utilities shall not be jeopardized and that equipment operators and others will not be injured during construction operations.